

**Pine Gulch OSP Update for Pine Gulch Dam
Meeting Minute
April 6, 2011
Town of Parker**

Date: May 6, 2011, 11:00am – 12:15pm.

Location: Town of Parker Town Hall

Attendees: Shea Thomas, UDFCD
Tom Williams, Town of Parker
Garth Englund, Douglas County
Frank Lan, URS
Greg Glunz, URS
Max Shih, URS

DISCUSSION TOPICS:

1. Hydrology and Alternative Analysis Report

URS has provided an update to the Phase A – Alternative Analysis Report, incorporating comments from the May 7, 2010 project progress meeting. The following summarizes the comments regarding the latest update:

- *The report will be restored to its original title “Sulphur and Tallman Gulch Watershed Outfall Systems Plan Update for Pine Gulch Dam”.*
- *There’s no need to provide a revised version of the Phase A report as only one final report will be prepared under the current UDFCD guidance. URS will, however, revise the documents so they could be incorporated into the final report. All reports at the end of the project will be produced in electronic form and be posted on the project web-site.*
- *On the preferred alternative plan sheet (ES-1), the new Parker civic center “Pace Center” should be labeled.*
- *In the existing hydrologic models, make sure that the two small detention ponds (Parker Vista and Pine Church) have been taken out of the model because of their relative small sizes and potential lack of maintenance. The current watershed delineation does not need to be changed.*
- *In alternatives #3 and #4, land use/easement credit should be given for the pipe option (between N. Pine Drive and Main Street). The credit should be about 5% of the actual land value.*
- *For alternative #4, the detention pond north of N. Pine Drive should be sized as on-site detention only.*
- *The EPA SWMM5 simulation reports for the existing condition, future condition, and study alternatives should be included in Appendix B.*

- *A summary of the work completed for the dam, including the dam hazard classification, and spillway hydrology and hydraulic analysis results, should be added to the report*
 - *In Section 3.2 Design Rainfall, an explanation of the different rainfall durations between original Sulphur and Tallman Gulch Watershed OSP (2001) and this study for Pine Gulch Watershed needs to be explained in the report. It should say “According to the UDFCD Drainage Criteria Manual Vol. 1, Chapter Rainfall, the 2-hr rainfall duration was used for the design storms since the Pine Gulch Watershed is less than 10 square miles.”*
 - *Using the word “Conceptual Design” instead of “Preliminary Design” in the report.*
 - *Section 5.4.4, the church should be labeled as “Kingdom Hall of Jehovah’s Witnesses”*
 - *The final Phase A report would be submitted in PDF format and uploaded to the project website.*
 - *Shea Thomas will provide the users’ guideline of E-Plan for the future design plan submittals.*
2. **Dam Emergency Action Plan (EAP)**
Garth asked if the EAP should be prepared since the dam is classified as high hazard. Frank reported that URS has prepared a draft copy of the EAP already and will make a final draft copy for the project team to review.
3. **Dam ROW and Easement Issue**
Garth will continue follow up with NRCS on this issue.
4. **Other Issues:**
Regarding public meeting, Tom mentioned that a public meeting may not be needed because the only parties that would likely show interest are the properties immediately downstream of the dam. It was then agreed that contacting these few owners directly would be preferable to having a public meeting for the project. Garth and Tom will provide Shea the contacts of the property owners who might be interested. Shea will subsequently send them information so they can follow the progress of the project through the project website.

URS will check the project website to confirm it is working

PROJECT SCHEDULE UPDATE

URS will finalize the alternative analysis and send the team an electronic copy of the report. Upon the final review by Shea, Tom, and Garth, URS will be issued a notice to proceed on the conceptual design. URS will be given about 6-8 weeks to finish the conceptual design afterward.

Updated Schedule:

- *Alternative Analysis Final Report – April 18, 2011*
- *Conceptual Design Draft Report – TBD*

- *Public Presentation – No to be held due to the limited number of properties affected below the dam.*
- *Final Report – TBD*

ACTION ITEMS:

- *Shea will get legal documents to be included into the final reports.*
- *At the same time, a separate memorandum will be issue to summarize the impact to Sulphur Gulch. Shea suggested that the models to be run with the 3-hour design storms to provide results in the memorandum to make it comparable to the 2001 OSP. Shea will provide an outline for the memorandum.*
- *Shea will provide guideline on preparing the electronic submittal of the final report.*
- *Garth to follow up on ROW and Easement Issue with NRCS.*

Next Meeting:

- *To be determined.*